

P19797.A20

Application No. 09/600,890

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Seiji SHIRAI et al.

Confirmation No. : 6688
SEP 08 2005

Serial No : 09/600,890

Group Art Unit: 02927
OFFICE OF PETITIONS

Filed : August 16, 2000

Examiner: Tuan DINH

For : MULTILAYER PRINTED WIRING BOARD WITH FILLED VIAHOLE
STRUCTURE**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

COPY

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98,
Applicants hereby submit a copy of the Supplementary Partial European Search Report
dated February 10, 2003 with respect to patent family member European Patent
Application No. 99 90 2842, in which the following documents were cited:

- (1) Japanese Laid-Open Publication No. 9-83138
- (2) Japanese Laid-Open Publication No. 10-46119
- (3) EP 0 743 812
- (4) U.S. Patent No. 5,578,341
- (5) EP 0 727 926

Applicants note that items (1) and (2) were previously cited in an Information

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Disclosure Statement filed November 15, 2000, and are therefore not being submitted herewith.

Further, Applicants hereby submit a copy of the Supplementary European Search Report dated July 1, 2003 with respect to patent family member European Patent Application No. 99 90 2842, in which the following documents were cited:

- (6) Japanese Laid-Open Publication No. 9-83138
- (7) Japanese Laid-Open Publication No. 10-46119
- (8) Japanese Laid-Open Publication No. 8-18239
- (9) Japanese Laid-Open Publication No. 9-312472
- (10) JP-A-S49-093863
- (11) JP-A-S56-122194
- (12) U.S. Patent No. 5,578,341
- (13) U.S. Patent No. 5,652,055
- (14) U.S. Patent No. 4,747,897
- (15) EP 0 490 211
- (16) EP 0 321 977
- (17) Japanese Laid-Open Publication No. 6-260766
- (18) EP 0 743 812
- (19) EP 0 727 926

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Applicants note that items (6) and (7) were previously cited in an Information Disclosure Statement filed November 15, 2000, and are therefore not being submitted herewith.

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The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the European Examiner are set forth in the European Search Reports.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patents are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

COPY

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents are attached hereto. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that a Petition to Withdraw the Application from Issue and a Request for Reconsideration have been filed with the Office of Petitions on even date. Therefore, copies of these documents are enclosed.

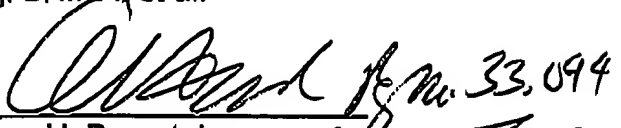
Further, Applicants note that since this Supplemental Information Disclosure Statement is being submitted with the Request for Continued Examination, no fee is believed necessary to ensure consideration of the submitted material. However, if any fee is necessary to ensure consideration of the Second Supplemental Information Disclosure Statement, the Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account No. 19-0089.

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Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Seiji SHIRAI et al.


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Sheet 1 of 1

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Atty. Docket No. P19797	Application No. 09/600,890
	Applicant Seiji SHIRAI et al.	
	Filing Date August 16, 2000	Group 2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 5 7 8 3 4 1	11/26/96	HIROSAWA			
		5 6 5 2 0 5 5	07/29/97	KING et al.			
		4 7 4 7 8 9 7	05/31/88	JOHNSON			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		0 7 4 3 8 1 2	11/20/96	E.P.O.			
		0 7 2 7 9 2 6	08/21/96	E.P.O.			
		8 - 1 8 2 3 9	01/19/96	JAPAN			
	9	- 3 1 2 4 7 2	12/02/97	JAPAN			
	4	9 - 9 3 8 6 3	09/06/74	JAPAN			
	56	- 1 2 2 1 9 4	09/25/81	JAPAN			
		0 4 9 0 2 1 1	06/17/92	E.P.O.			
		0 3 2 1 9 7 7	06/28/89	E.P.O.			
	6	- 2 6 0 7 6 6	09/16/94	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.